Resonant Arc Vortex (RAV) Open Science & Collaboration License

Version 1.6 — 2025

Inspiration & Acknowledgment

This work acknowledges the inspiration of R. A. Ford in his book Homemade Lightning (Chapter 20), where he described three experiments he called self-contained entities. Ford's focus was on weather phenomena and ball lightning, exploring these ideas in the context of nature. Building on Ford's first concept, this research takes the idea in an entirely new direction. The Resonant Arc Vortex (RAV) differs fundamentally in several ways:
1. Sustained Feedback — A system has been developed to sustain the RAV indefinitely, rather than as a brief discharge.

2. Scaled Energy & Power — The RAV is engineered for higher power and stability, far beyond the millimeter-scale electric tornadoes Ford observed.

3. Purpose & Focus — The RAV research has three forward-looking goals:
• Alternative propulsion
• Atomic fusion through confined plasma
• A novel source of free energy for low-cost electricity

The motive of this project is simple: to help all of humanity.

1. Purpose

This license makes the design, methods, and research on the Resonant Arc Vortex (RAV) freely available for scientific exploration, education, and non-commercial research. The goal is to share knowledge openly while protecting against uncontrolled commercialization.

2. Permissions

You are free to:
- Use — replicate, test, and study the RAV.
- Share — copy and distribute this material in any format.
- Adapt — remix, modify, and build upon the RAV for personal or academic use.

These freedoms are granted as long as proper credit is given to the original author (shawn calderon, 2025).

3. Restrictions

• No Commercial Use — You may not sell, license, or use the RAV or derivative works for commercial purposes without express written permission from the author.
• No Patenting — You may not claim patents on the RAV concept or derivative works. This is to ensure the RAV remains free for scientific exploration.
• Attribution Required — Any public use or sharing must credit the original creator.

4. Commercial Licensing

If you or your organization wish to develop products, services, or commercial applications using the RAV, you must obtain a separate commercial license from the author.
Contact: [Insert your preferred contact method/email].

5. Liability

This technology involves high voltage and plasma phenomena. It is inherently dangerous. The author provides this information “as is” without warranty. You are responsible for your own safety and compliance with local laws.

6. Community Spirit

By using this license, you agree to uphold the spirit of open science:
- Share improvements back with the community.
- Respect the boundary between open research and commercialization.
- Keep the RAV accessible to all curious minds.

7. Governance & Stewardship

The RAV project is stewarded by its founder, shawn calderon. The founder retains full responsibility for the direction, stewardship, and protection of the RAV mission.

Contributors and collaborators are welcome and encouraged, but their roles are recognized in publications, acknowledgments, or experiment-specific credits rather than in the license itself. This ensures clarity of ownership and responsibility while keeping the project open and welcoming to community input.

Summary (human version)

You can build, test, and share RAVs freely for learning and research. You cannot sell or patent them. If you want to go commercial, let’s talk first. Governance is by the founder alone, ensuring clarity, safety, and alignment with the humanitarian mission.

Signature Page

By signing below, I affirm that this document reflects my intent to release the Resonant Arc Vortex (RAV) under the terms described above.

Signature: _____

Printed Name: shawn calderon

Date: 31-augus-2025